

ABSTRACT

The invention relates to an inflatable device comprising an electromechanical device and a self-sealing valve, and in particular, to any inflatable device that includes the assembly.

5 In some embodiments, at least a portion of a fluid controller is coupled to and supported by an inflatable bladder of an inflatable device. The fluid controller may be located in a compartment, and the compartment may be within the profile of the bladder. The inflatable device may be a single bladder mattress or a dual bladder mattress. The inflatable device may include a heater or an articulation device. The inflatable device may be multi-positional

10 device or have a storage compartment. The inflatable device may be configurable using one or more members such as a membrane or fasteners.